GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Water Resources Department – Indian Oil Corporation Ltd. (IOCL) – Proposal for Laying of 14 inch Dia Petroleum Product Pipeline with Optical fibre cable (OFC) from Paradip to Hyderabad across water bodies crossing, coming under the jurisdiction of Special Division, Vijayawada – Permission Accorded –Orders – Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.RT.No. 265 Dated: 11-04-2018.

Read the following:-

1. From the General Manager(c), Vizag, Indian Oil Corporation Ltd., Paradip - Hyderabad Pipeline Project Lr.No.PHPL/ VJA/CONST/ Irri/ 206.3/502, dated: 23.10.2017.
2. Govt. Memo. No. 823206/ Reforms/ A2/2017, WRD, dt:27.10.2017.
3. From the Chief Engineer, Minor Irrigation, Vijayawada Lr.No.DCE-1/OT1/T1/Krishna Dist/IOCL Pipe line, dt: 12.01.2018.

O R D E R

In the reference 1st read above, the General Manager(c), Vizag, Indian Oil Corporation Ltd., (IOCL), Paradip - Hyderabad Pipeline Project, Vijayawada has requested the Government to accord permission for laying of petroleum product pipeline along with Optical Fibre Cable (OFC) across water bodies in Andhra Pradesh for transportation of petroleum products from Paradip Refinery in Odisha to Hyderabad in Telangana. The proposed pipeline traverses six districts in Andhra Pradesh i.e. Srikakulam, Vizianagaram, Visakhapatnam, East Godavari, West Godavari and Krishna.

2. The Chief Engineer, Minor Irrigation vide reference 3rd read above have furnished his report for laying petroleum product pipeline along with Optical Fibre Cable (OFC) across water bodies i.e. various canals, rivers and ponds in the jurisdiction of Special Division, Vijayawada.

3. As reported by the Chief Engineer, Minor Irrigation, the agency M/s. Indian Oil Corporation Ltd has stated that the methodology of execution for Kattaleru river i.e., HDD/Boring method (Horizontal Directional Drilling) is highly sophisticated with a minimum impact on the surrounding area and chances of lapses are nearer to zero and the agency has assured to take all standard precautions and all safety measures while carrying out the trenching and the laying pipeline operations. After trenching, the pipeline will be laid at a minimum depth of 3 MTs., below the scour depth. The agency has submitted the scour depth of calculation and typical drawing for laying the pipeline and soil particulars in addition to the above 14 inch CS pipe. The agency proposed to lay the pipeline at a minimum depth of 1.5m below bed level of the Water bodies.

4. The Indian Oil Corporation Limited(IOCL) has submitted Geotechnical Investigation Report and details of the Kattaleru river, and stated that the mean scour depth of Kattaleru river is 6.80 Mts., and the design of the Pipe line will be as per international standard. ANSI B 31.4 are proposed for the

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laying of pipeline and also stated that the laying of the pipeline will be done duly following the standard guidelines/steps included in EIL's standard specification.No.6-71-0054. M/s Indian Oil Corporation Ltd. has furnished an Undertaking in this regard.

5. The details of pipeline crossings are as mentioned below:

INDIAN OIL CORPORATION LIMITED					
LIST OF RIVER, CANAL, NALA AND POND CROSSING UNDER SPL IRRIGATION DIVISION, VIJAYAWADA					
Sl No.	Cs. No./Sy.No.	Type of Crossing	Chainage (km)	Village	Mandal
1	CS9	NALA	852.3247627	Polavaram	Chatrai
2	CS11	NALA	852.7221337	Polavaram	Chatrai
3	CS59	NALA	869.0375627	Kalagara	Vissannapet
4	CS60	NALA	869.267	Kalagara	Vissannapet
5	CS71	CANAL	872.2282816	Kalagara	Vissannapet
6	CS72	NALA	872.8740187	Telladevarapalli	Vissannapet
7	CS73	NALA	873.5588614	Telladevarapalli	Vissannapet
8	CS75	NALA	874.9109211	Muchinapalli	Reddigudem
9	CS76	NALA	875.4762111	Muchinapalli	Reddigudem
10	CS82	NALA	876.6375045	Muchinapalli	Reddigudem
11	CS85	NALA	878.2937537	Muchinapalli	Reddigudem
12	CS86	CANAL	878.4997497	Muchinapalli	Reddigudem
13	CS109	NALA	885.9676352	Kudapa	Reddigudem
14	CS115	NALA	888.3110427	Rudravaram	Reddigudem
15	SyN1402	POND	863.896 - 864.084	Chanubanda	Chatrai
16	SyN1516	POND	864.513 - 864.765	Chanubanda	Chatrai
17	CS385	CANAL	961.2664788	Anigandlapadu	Penuganchiproulu
18	CS388	CANAL	961.9925321	Anigandlapadu	Penuganchiproulu
19	CS390	CANAL	962.5251782	Anigandlapadu	Penuganchiproulu
20	CS394	NALA	963.1016966	Anigandlapadu	Penuganchiproulu

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21	CS395	NALA	963.4084799	Penuganchiproulu	Penuganchiproulu
22	CS396	CANAL	963.4735934	Penuganchiproulu	Penuganchiproulu
23	CS406	NALA	965.4113986	Penuganchiproulu	Penuganchiproulu
24	CS409	NALA	965.6854282	Subbayyagudem	Penuganchiproulu
25	CS413	NALA	967.5005578	Penuganchiproulu	Penuganchiproulu
26	CS416	NALA	967.8044987	Penuganchiproulu	Penuganchiproulu
27	CS420	NALA	968.5003846	Penuganchiproulu	Penuganchiproulu
28	CS475	NALA	983.5700608	Ravikampadu	Jaggayapeta
29	CS476	NALA	983.6962475	Ravikampadu	Jaggayapeta
30	CS484	NALA	984.8473361	Ravikampadu	Jaggayapeta
31	CS487	NALA	985.0373317	Ravikampadu	Jaggayapeta
32	CS498	NALA	986.7269872	Anumanchipalli	Jaggayapeta
33	CS500	NALA	986.9896274	Anumanchipalli	Jaggayapeta
34	CS506	NALA	987.7248943	Anumanchipalli	Jaggayapeta
35	CS507	NALA	988.1077095	Anumanchipalli	Jaggayapeta
36	CS508	NALA	988.2096966	Anumanchipalli	Jaggayapeta
37	CS509	NALA	988.2845732	Anumanchipalli	Jaggayapeta
38	CS512	NALA	988.6238121	Anumanchipalli	Jaggayapeta
39	CS513	NALA	988.7993825	Anumanchipalli	Jaggayapeta
40	CS515	NALA	988.9262303	Anumanchipalli	Jaggayapeta
41	CS516	NALA	989.1493033	Anumanchipalli	Jaggayapeta
42	CS517	NALA	989.273851	Anumanchipalli	Jaggayapeta
43	CS519	NALA	989.4714444	Anumanchipalli	Jaggayapeta
44	CS521	NALA	990.3913096	Anumanchipalli	Jaggayapeta
45	CS524	CANAL	990.6458851	Balsupadu	Jaggayapeta
46	CS530	NALA	991.8694452	Balsupadu	Jaggayapeta
47	CS531	CANAL	991.944833	Balsupadu	Jaggayapeta
48	CS535	RIVER	992.929	Annavaram	Jaggayapeta
49	CS540	NALA	994.6216896	Annavaram	Jaggayapeta
50	POND	990.202 - 990.570	990.202 - 990.570	Anumanchapalli	Jaggayyapeta
51	POND	993.902 - 994.280	993.902 - 994.280	Annavaram	Jaggayyapeta
52	CS95	NALA	880.7136891	Madhavaram East	A.Konduru

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53	CS96	NALA	880.7562948	Madhavaram East	A.Konduru
54	CS99	NALA	882.2306994	Madhavaram West	A.Konduru
55	CS104	NALA	884.1660359	Madhavaram West	A.Konduru
56	CS113	Chimala padu To Rudrava ram	887.5459023	Cheemalapadu	A. Kunduru
57	CS192	NALA	907.5730549	Kuntamukkala	G Konduru
58	CS193	NALA	907.6955172	Kuntamukkala	G Konduru
59	CS199	NALA	908.7260194	Venkatapuram	G Konduru
60	CS202	NALA	909.6748567	Chevuturu	G Konduru
61	CS204	NALA	910.164	Chevuturu	G Konduru
62	CS205	NALA	910.251066	Chevuturu	G Konduru
63	CS206	Canal	910.534881	Chevuturu	G Konduru
64	CS213	NALA	912.2310745	Chevuturu	G Konduru
65	CS251	NALA	919.108	Kadimipothavaram	G Konduru
66	CS252	NALA	919.395	Kadimipothavaram	G Konduru
67	CS254	NALA	919.567	Kadimipothavaram	G Konduru
68	CS257	NALA	919.67	Kadimipothavaram	G Konduru
69	CS259	NALA	919.836	Kadimipothavaram	G Konduru
70	CS260	NALA	920.127	Kadimipothavaram	G Konduru
71	CS A1	NALA	380.88	Konduru	G Konduru
72	CS A2	NALA	381.93	Gaddamanugu	G Konduru
73	CS A4	NALA	382.33	Cheruvu Madhavaram	G Konduru
74	CS A23	NALA	390.48	Munagapadu	G Konduru
75	CS A29	NALA	396.19	Telladevarapadu	G Konduru
76	CS294	NALA	931.0294798	Duggiralapadu	G Konduru
77	CS295	NALA	931.3607945	Duggiralapadu	G Konduru
78	CS321	NALA	936.0205126	Gudem Madhavaram	Veerulapadu
79	CS334	NALA	941.2713424	Jayanthi	Veerulapadu
80	CS339	NALA	942.667295	Jayanthi	Veerulapadu

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81	CS343	NALA	943.8981516	Jayanthi	Veerulapadu
82	CS350	NALA	946.8039187	Veerulapadu	Veerulapadu
83	CS353	RIVER	947.533	Kattaleru river(Doddadevarapadu)	Veeralapadu
84	CS354	NALA	947.6352993	Doddadevarapadu	Veerulapadu
85	CS125	NALA	892.2875389	Pulluru	Mylavaram
86	CS126	NALA	892.5007652	Pulluru	Mylavaram
87	CS129	NALA	892.8185015	Pulluru	Mylavaram
88	CS132	RIVER	894.425	Budameru Vagu(pulluru)	Mylavaram
89	CS138	NALA	895.0004795	Pulluru	Mylavaram
90	CS141	NALA	895.7642242	Pulluru	Mylavaram
91	CS151	NALA	897.8501233	Dasullapalem	Mylavaram
92	CS153	NALA	898.7577777	Chandragudem	Mylavaram
93	CS168	NALA	900.8340447	Chandragudem	Mylavaram
94	CS172	NALA	902.6228192	Pondugala	Mylavaram
95	CS174	Pondugula Village Canal	903.4112759	Mylavaram	Mylavaram
96	CS177	NALA	904.1638321	Pondugala	Mylavaram
97	CS182	NALA	905.5420021	Mylavaram	Mylavaram
98	CS183	NALA	906.3117503	Mylavaram	Mylavaram
99	CS188	NALA	906.7150538	Mylavaram	Mylavaram

6. The Chief Engineer, Minor Irrigation has recommended the proposal of M/s Indian Oil Corporation Ltd. for laying of 14 inch dia petroleum product pipeline along with Optical Fibre Cable (OFC) across Nalas (Vagus) in the jurisdiction of Special Division, Irrigation Circle, Vijayawada subject to payment of amount to be deposited by the IOCL as a security deposit and subject to the conditions furnished hereunder:

Conditions:

1)Before commencement of the work IOC Ltd. authorities have to be paid land cost as prescribed by the Revenue Department.

2) The work at canals / drains / flood banks /river crossings is to be allowed only after obtaining approved drawings from the competent authority.

3) Lease amount has to be deposited as arrived based on the prevailing rates in advance before taking up of the work.

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4) The ancillary /incidental works as may be required by the Water Resources Department /Farmers Organization required for water supply has to be attended by the IOC limited during execution.

5) Necessary permission for crossing of field channels /distributaries has to be obtained from the competent authority by paying land compensation as may be required by the Revenue/ Water Resources Department.

6) The pipe line shall be laid duly maintaining a minimum of 2.0 M. to 2.5M clear cushion from the ground or below designated bed level of the channels/canals at crossings and incase of river/flood banks a minimum of 10 M is to be provided. The pipe line should be laid by HDD method/Augur boring only. Necessary casing with cement concrete has to be provided at cost of IOC Ltd.

7) Crossings where pipeline and channels are met with the alignment is to be taken away from the structure to a safe distance as directed by the Water Resources Department during the course of execution of work. The alignment shall not create any obstructions to modernization of canal system and the IOC Ltd. has to propose the alignment accordingly.

8) After execution of laying the pipeline, proper compaction is to be done and bank is to be restored to deigned profile.

9) While execution of the work, utmost care is to be taken for protecting salient features of the canals/drains and flood banks. In case of any damage caused to any irrigation system, the same should be restored immediately by reconstruction of the same at the cost of the IOC Ltd. to the required standards.

10) There is possibility of new cross masonry works in the process of modernization as such case the alignment of pipeline is to be diverted accordingly as and when necessary during the course of execution of modernization work at the cost of IOC Ltd.

11) There shall not be any obstruction for the free flow of the water /navigation during the execution of work or after the completion of the work.

12) The inspection paths on canal banks / drain banks / flood banks shall not be damaged, if any damage is noticed, the same has to be restored and brought to the original condition immediately at the cost of IOC Ltd.

13) During laying of pipeline, obstruction should not be created for movement of vehicles on the banks.

14) After completion of work, the banks of canals, drains, and flood banks should be brought to the original standards, i.e. rolled and made free from undulations.

15) The alignment of pipeline shall not obstruct the execution of Modernization work or harvesting process by farmers.

16) The firm has to intimate 15 days before commencement of work and the work has to be done under the close supervision of Department staff only.

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17)The method of crossing for major canals, distributaries, major drains, medium drains and rivers, flood banks is by H.D.D. method only. Open cut method shall not be permitted on Canals or Channels.

18)The specification of IOC limited shall be followed while execution of work and the work shall be carried out under the supervision of authorized technical person from IOC/N.O.C. will be accorded only after getting proper completion certificate from IOC limited.

19)There is a proposal for widening of Highway / R&B road and accordingly, there may be need of shifting the channels/drains. Therefore, the executing agency shall modify the alignment according to the requirement of Water Resources Department and Highway / R&B Departments during the course of execution.

20)The permission accorded shall be liable to cancel at any time when the situation demands/any objections raised from the ayacutdars without any prior notice and IOC Ltd. have no right to claim any compensation in this regard.

21)Any deviations to the above conditions put forth shall be deemed to have been automatically cancelled the permission accorded.

22)Valve chambers are to be provided away from the banks wherever necessary.

23)During execution, open excavation of work on field channels, minor drains, necessary diversion arrangements are to be made for free flow of water of the canal /drain.

24)Necessary protection to river margin to avoid erosion may be provided by the IOC Ltd. with their own cost.

25)Any damage caused to Government property should be rectified by the IOC Ltd. at their own cost.

26)Any recommendations/ remedial measures made for protecting the areas in marginal land that may be found necessary by the Water Resources Department during the course of operations by M/s. IOC Ltd shall have to be done with their own cost.

27)M/s. IOC Ltd should not make any alterations of the proposals without the consent of Water Resources Department.

28)Seignorage charges if any, for sand/earth etc, should be paid by IOC Ltd. to the Mines and Geology Department at the rates fixed by the Government from time to time.

29)The work shall be executed by M/s IOC Ltd. at their own cost with the close association/ supervision of Water Resources Department authorities / officials.

30)The IOC Limited should make their own arrangements to safeguard their equipment material and men during floods time. M/s IOC Limited should take all necessary safety/Precautionary measures and the firm has to maintain the entire system at their own cost as long as their operations exist.

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31)The firm should not construct permanent or temporary structures in the lanka land.

32)The department is no way responsible for any legal complications arising out of by public or other on the above work operations of the firm.

33) The IOC Ltd shall follow the river conservancy rules.

34) While laying the pipelines sufficient protection works are to be carried out at all the crossings of canals / drains/ flood banks/ rivers so as to facilitate carrying the required maintenance and construction works by the Department by employing heavy machinery.

35)The IOC limited should ensure that gas/ optical fiber cable should not get disturbed / damaged due to movement of heavy machinery that carries maintenance operations. Any disturbance / damage caused shall be to the account of Pipeline Company.

36)If any modifications are required for the pipe lines in future due to developmental activities in the delta system, the pipeline IOC Limited shall carry out the modifications at their cost to the satisfaction of the Department.

37)The IOC Ltd shall abide to all existing labour laws regarding providing amenities and payments etc., to their labour working in the premises / site of this department and this department is not responsible for any kind of negligence in enforcing any labour law/act or any compensation to be paid if any unto to incident occur.

38) The IOC Ltd. pay an amount of Rs.2,14,80,000/- as security deposit and Rs. 13,53,000/- shall also be paid by the firm as non-refundable deposit for utilizing the land before starting the work. The amount shall be paid by way of a Demand Draft in favour of Pay & Accounts Officer(W&P), Vijayawada payble at Nationalized bank.

7. Government, after careful examination of the matter, hereby accord permission to M/s Indian Oil Corporation Ltd. (IOCL) for laying the Petroleum Product Pipe line with OFC (Optical Fibre Cable) from Paradip to Hyderabad across water bodies i.e. various canals, rivers and ponds at the locations mentioned at para (5) coming under the jurisdiction of Special Division, Vijayawada subject to the conditions mentioned at para (6) and any other conditions stipulated by the Water Resources Department afterwards, if it is found necessary, which is also binding on the firm.

8. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada and the Collector & District Magistrate of Krishna district shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT.

To
The Engineer-in-Chief (Irrigation), Water Resources Department,
Andhra Pradesh, Vijayawada.
The Collector & District Magistrate, Krishna District.

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The Chief Engineer, Minor Irrigation, Vijayawada.
The M/s Indian Oil Corporation Ltd. (IOCL), Paradip-Hyderabad Pipeline project Limited, D.No.54-20-7/10, Plat.No.33, Kanakadurga Officers Colony, Gurunanak Colony Road, Vijayawada.

Copy to:

The Private Secretary to Hon'ble Minister for Water Resources Department.
The Private Secretary to Secretary to Government, Water Resources Department.
The Superintending Engineer, Irrigation Circle, Vijayawada.

SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER.